
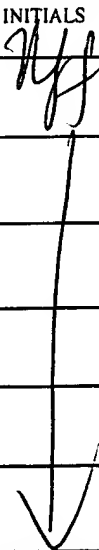


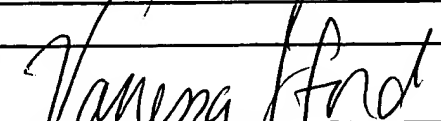


<b>INFORMATION DISCLOSURE</b> <b>CITATION IN AN APPLICATION</b> 		ATTY. DOCKET NO. <b>55190-044</b>	SERIAL NO. <b>09/884,465</b>	<b>RECEIVED</b> <b>JAN 0 7 2002</b> <b>TECH CENTER 1600/2901</b>			
		APPLICANT <b>Josee HAMEL, et al.</b>					
		FILING DATE <b>June 19, 2001</b>	GROUP <b>1642</b>				
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	WO/98/18930	05/07/98	International				
	WO/98/18931	05/07/98	International				
	WO/99/15675	04/01/99	International				
	WO 00/06737	02/10/00	International				
	WO 00/06738	02/10/00	International				
	WO 00/17370	03/30/00	International				
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Spellerberg, et al., "Lmb, a Protein with Similarities to the Lral Adhesin Family, Mediates Attachment of <i>Streptococcus agalactiae</i> to Human Laminin", Infection and Immunity, Feb. 1999, p. 871-878.						
	Adamou, et al., "Identification and Characterization of a Novel Family of Pneumococcal Proteins That Are Protective Against Sepsis", Infection and Immunity, Feb. 2001, p.949-958.						
	Wizemann, et al., "Use of a Whole Genome Approach to Identify Vaccine Molecules Affording Protection Against <i>Streptococcus pneumoniae</i> Infection", Infection and Immunity, Mar. 2001, p. 1593-1598.						
	Zhang, et al., "Recombinant PhpA Protein, a Unique Histidine Motif-Containing Protein from <i>Streptococcus pneumoniae</i> , Protects Mice against Intranasal Pneumococcal Challenge", Infection and Immunity, June 2001, p. 3827-3836						
EXAMINER				DATE CONSIDERED <b>8/20/05</b>			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)				ATTY. DOCKET NO. 55190-044		SERIAL NO. 09/884,465	
				APPLICANT Josee HAMEL, et al.			
				FILING DATE June 19, 2001		GROUP 1642	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No	
	WO/98/ 18930	05/07/98	International				
	WO/98/ 18931	05/07/98	International				
	WO/99/ 15675	04/01/99	International				
	WO 00/06737	02/10/00	International				
	WO 00/06738	02/10/00	International				
	WO 00/17370	03/30/00	International				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Spellerberg, et al., "Lmb, a Protein with Similarities to the Lral Adhesin Family, Mediates Attachment of <i>Streptococcus agalactiae</i> to Human Laminin", Infection and Immunity, Feb. 1999, p. 871-878.						
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Received  
4/1/03

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

ATTY. DOCKET NO.  
55190-044

SERIAL NO.  
09/884,465

RECEIVED

APPLICANT  
Josee HAMEL, et al.

AUG 14 2003

FILING DATE  
June 20, 2001

GROUP  
1642

TECH CENTER 1600/2900

(PTO-1449)

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Codez (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MS		US 09/471,255	12/23/1999	Josee HAMEL et al	
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## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number & -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

DATE CONSIDERED

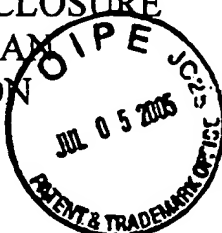
8/20/05

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)


 ATTY. DOCKET NO.  
**055190-0044**

 SERIAL NO.  
**09/884,465**

 APPLICANT  
**Josee HAMEL, et al.**

 FILING DATE  
**June 20, 2001**

 GROUP  
**1642**

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JH ↓		US 2004/0081662	04/2004	Hermand et al.	
		US 6,582,706	06/2003	Johnson et al.	
		US 09/471,255	12/23/1999	Hamel et al.	
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## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number + -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
JH ↓		WO00/39299	07/06/2000	Biochem Pharma Inc.			
		WO01/98334	12/27/2001	Shire Biochem Inc.			
		WO02/077021	10/03/2002	Chiron Spa et al.			
		WO04/09229	10/28/2004	Inter-Cell AG			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JH ↓		Hernandez, et al., "Antigenicity of Chimeric Synthetic Peptides Based on HTLV-1 Antigens and the Impact of Epitope Orientation," Biochemical and Biophysical Research Communication. Vol 276. No. 3, pp. 1085-1088.
		Partidos, et al., "The Influence of orientation and number of copies of T and B cell epitopes on the specificity and affinity of antibodies induced by chimeric peptides," Eur. J. Immunol 1992, 22: pp. 2675-2680.
		Oishi, et al., "The effect of amino acid spacers on the antigenicity of dimeric peptide-inducing cross-reacting antibodies to a cell surface protein antigen of Streptococcus mutans," Oral Microbiol Immunol 2001: 16: pp.40-44.
		Kurstak, Edouard, "Editorial: Recent progress in vaccines development and new trends in immunisation," Vaccine 19 (2001) pp.2198-2200.

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